

## **Mosquito Man**

On-screen text: CDC Supports Public Health in Central America: Combating Vector-Borne Diseases

On-screen graphic: Centers for Disease Control and Prevention Logo, U.S. Department of Health and Human Services

Juan Carlos Lol: In the last year, Guatemala and Honduras were the countries that reported the highest incident rate from Dengue. We find that mosquitos are resistant to Permethrin, that is the main insecticide used in Honduras.

We are doing some bioassays to measure the insecticide susceptibility for profiles. In this case, its Aedes Aegypti, that is the main vector for Zika, Chikungunya and Dengue.

There are many different factors that make the mosquito become resistant and you need to the control to be effective, to control the disease like the arboviral disease. In the last ten years we receive funds from the CDC to implement these activities for malaria.

That help a lot, that is very important when you are trying to measure the impact of the interventions.

I think that I am making a difference. Because we are generating information.

On-screen text: To learn more about CDC's global health work, please visit [www.cdc.gov/globalhealth](http://www.cdc.gov/globalhealth). Follow @CDCGlobal on social media: Twitter, Facebook, Instagram, Flickr.